

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3252	(715/513).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/31 15:08
L2	0	("L1and(tag\$1NEAR3extract\$3)"). PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/31 15:09
L3	130	L1 and (tag\$1 NEAR3 extract\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 15:11
L4	78	L3 and (@ad<"20010803" or @rlad<"20010803")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 15:13
L5	18	L4 and (font and size and bold)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 15:12
L6	2669	tag\$1 NEAR3 extract\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 15:12
L7	80	L6 and (font and size and bold)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 15:12
L8	48	L7 and (range\$1)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 15:12
L9	33	L8 and (@ad<"20010803" or @rlad<"20010803")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/31 15:13

JH 5/31/07


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### 1 [Data extraction: Fully automatic wrapper generation for search engines](#)


 Hongkun Zhao, Weiyi Meng, Zonghuan Wu, Vijay Raghavan, Clement Yu  
 May 2005 **Proceedings of the 14th international conference on World Wide Web  
WWW '05**

Publisher: ACM Press

 Full text available: pdf(315.59 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

When a query is submitted to a search engine, the search engine returns a dynamically generated result page containing the result records, each of which usually consists of a link to and/or snippet of a retrieved Web page. In addition, such a result page often also contains information irrelevant to the query, such as information related to the hosting site of the search engine and advertisements. In this paper, we present a technique for automatically producing wrappers that can be used to extr ...

**Keywords:** information extraction, search engine, wrapper generation

### 2 [Data extraction: Web data extraction based on partial tree alignment](#)


 Yanhong Zhai, Bing Liu  
 May 2005 **Proceedings of the 14th international conference on World Wide Web  
WWW '05**

Publisher: ACM Press

 Full text available: pdf(357.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper studies the problem of extracting data from a Web page that contains several structured data records. The objective is to segment these data records, extract data items/fields from them and put the data in a database table. This problem has been studied by several researchers. However, existing methods still have some serious limitations. The first class of methods is based on machine learning, which requires human labeling of many examples from each Web site that one is interested in ...

**Keywords:** data extraction, data record extraction, wrapper

### 3 [Automatic information extraction from large websites](#)

 Valter Crescenzi, Giansalvatore Mecca  
 September 2004 **Journal of the ACM (JACM)**, Volume 51 Issue 5